



Sheet 1 of 2

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| FORM PTO- 1449 | U.S. DEPARTMENT OF COMMERCE | ATTY. DOCKET NO 0118297 | SERIAL NO. 09/691,413 |
| PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT Sang-Hee LEE, et al. | |
| | | FILING DATE October 18, 2000 | GROUP 2624 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| <i>me</i> | EP 0 831 660 A2 | 09/22/1997 | | | | YES | NO |
| <i>me</i> | EP 0 833 517 A2 | 09/15/1997 | | | | | |
| <i>me</i> | EP 0 422 404 A2 | 09/13/1990 | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

| | |
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| <i>me</i> | DCT/DPCM Processing of NTSC Composite Video Signal (<i>IEEE Transactions on Communications</i> , vol. Com-30, No. 3, pp. 541-549, March 1982). |
| <i>me</i> | Advances in Picture Coding (<i>Proceedings of the IEEE</i> , vol. 73, No. 4, pp. 523-548, April 1985). |
| <i>me</i> | Improvements in DCT Based Video Coding (<i>Proceedings of the SPIE</i> , vol. 3024, No. Part 1, pp. 676-688, February 1997). |
| <i>me</i> | "MPEG-4 Video Verification Model Version 7.0 Chapter 3 : Encoder Definition" (<i>International Organization For Standardization - Organization Internationale De Normalization</i> , pp. 1, 17-122, April 1997). |
| <i>me</i> | Predictive Quantizing of Television Signals (<i>IRE Wescon Convention Records</i> , vol. 2, No. 4, pp. 147-157, August, 1958). |
| <i>me</i> | DCT Coding For Motion Video Storage Using Adaptive Arithmetic Coding (<i>Signal Processing: Image Communication</i> 2, vol. 2, No. 2, pp. 145-154 August 1990) |

EXAMINER *[Signature]* WENPENG CHEN DATE CONSIDERED *6/18/06*
PRIMARY EXAMINER

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered.
Include copy of this form with next communication to applicant.

(Form PTO-1449)



Sheet 2 of 2

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO 0118297 | SERIAL NO. 09/691,413 |
| | | APPLICANT Sang-Hee LEE, et al. | |
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| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | WO97/46021 | | | | | YES | NO |
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| me | | Munich Meeting Of MPEG-4 Working Group. Report ISO/IEC JTC1/SC29/WG11 MPEG4/N1172 (Ullmann's Encyclopedia of Industrial Chemistry, Abrasive to Aluminum Oxide, no. vol. A 1, pp. 3-49). |
| me | | Transform Coding of Arbitrarily-Shaped Image Segments (Proceedings Of First ACM International Conference On Multimedia, pp. 80-93, August 1993). |
| me | | Lossless Image Compression Methods For PET Imaging (Confectionery Production, vol. 8, no. 3, pp. 309-316). |
| me | | Picture Coding: A Review (Proceedings of the IEEE, vol. 68, No. 3, pp. 366-406, March 1980). |
| me | | JP Laid-open No.: 10-224804. |
| me | | Digital Image Compression (Nikkei BP Publisher, pp. 52-54, January 1996). |
| me | | MPEG (Ohmsha, pp. 171-172, April 1996). |

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6/15/86

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Information Disclosure Statement

U.S. Patent Application Serial No. 09/691,413
Your Ref. No.: C34037/0118297
Our Ref. No.: P01Q5032-1/US/jy

1. Issued Date by the European Patent Office: June 13, 2005
Received Date from the European Patent Office: June 14, 2005

Reference No.:

- (1) European Patent Publication No.: EP 0 831 660 A2
- (2) European Patent Publication No.: EP 0 833 517 A2
- (3) DCT/DPCM Processing of NTSC Composite Video Signal
(*IEEE Transactions on Communications*, vol. Com-30, No. 3,
pp. 541-549, March 1982)
- (4) Advances in Picture Coding
(*Proceedings of the IEEE*, vol. 73, No. 4, pp. 523-548, April 1985)

2. Issued Date by the European Patent Office: August 02, 1999
Received Date from the European Patent Office: August 04, 1999

- (5) Improvements in DCT Based Video Coding
(*Proceedings of the SPIE*, vol. 3024, No. Part 1,
pp. 676-688, February 1997)
- (6) "MPEG-4 Video Verification Model Version 7.0
Chapter 3 : Encoder Definition"
(*International Organization For Standardization - Organization
Internationale De Normalization*, pp. 1, 17-122, April 1997)
- (7) DCT/DPCM Processing of NTSC Composite Video Signal
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pp. 541-549, March 1982, the same as the above No. 3)

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(8) Predictive Quantizing of Television Signals

(IRE Wescon Convention Record, vol. 2, No. 4, pp. 147-157, August, 1958)

(9) DCT Coding For Motion Video Storage Using Adaptive Arithmetic Coding

(Signal Processing: Image Communication 2, vol. 2, No. 2, pp. 145-154 August 1990)

(10) EP Patent Publication No. : 0 422 404 A

(11) Munich Meeting Of MPEG-4 Working Group.

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(Ullmann's Encyclopedia of Industrial Chemistry, Abrasive to Aluminum Oxide, no. vol. A 1; pp. 3-49)

(12) Transform Coding of Arbitrarily-Shaped Image Segments

(Proceedings Of First ACM International Conference On Multimedia, pp. 80-93, August 1993)

(13) Lossless Image Compression Methods For PET Imaging

(Confectionery Production, vol. 8, no. 3, pp. 309-316)

3. Issued Date by the Japanese Patent Office: July 16, 2002

Received Date from the Japanese Patent Office: July 17, 2002

(14) DCT/DPCM Processing of NTSC Composite Video Signal

(IEEE Transactions on Communications, vol. Com-30, No. 3, pp. 541-549, March 1982, the same as the above No. 3)

(15) Picture Coding: A Review

(Proceedings of the IEEE, vol. 68, No. 3, pp. 366-406, March 1980)

(16) International Publication No.: WO97/46021

(17) JP Laid-open No.: 10-224804

4. Issued Date by the Japanese Patent Office: November 22, 2005

Received Date from the Japanese Patent Office: December 16, 2005

(18) Digital Image Compression

(Nikkei BP Publisher, pp. 52-54, January 1996)

(19) MPEG

(Ohmsha, pp. 171-172, April 1996)



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6/15/08